

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Atsushi AYABE, et al.

SERIAL NO: NEW APPLICATION

GAU:

FILED: HEREWITH

EXAMINER:

FOR: AUTOMATIC TRANSMISSION HAVING TORQUE CONVERTER WITH LOCKUP CLUTCH AND METHOD OF CONTROLLING SAME LOCKUP CLUTCH

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97**

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

**REFERENCES**

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**RELATED CASES**

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

**CERTIFICATION**

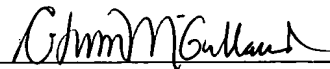
- ☐ Each item of information contained in this information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

**DEPOSIT ACCOUNT**

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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FOR: AUTOMATIC TRANSMISSION HAVING TORQUE CONVERTER WITH  
LOCKUP CLUTCH AND METHOD OF CONTROLLING SAME LOCKUP  
CLUTCH

**STATEMENT OF RELEVANCY**

**Reference AO (6-331023) on Form PTO-1449:**

This reference is cited in the specification.

**Reference AP (11-190424) on Form PTO-1449:**

The feedback control is performed during the lockup clutch slip control so as to bring the rate of change in the engine speed to a specific value.

**Reference AQ (2001-4020) on Form PTO-1449:**

In the lockup clutch skip control, the slip amount is controlled to the value effected immediately before the issue of shift command during the shift.

**Reference AR (2758921) on Form PTO-1449:**

The feedback control of the lockup clutch is suspended during a shift of the transmission so that the duty ratio of the solenoid valve of the same clutch is kept constant

Form PTO 1449  
(Modified)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.  
244846US2SERIAL NO.  
NEW APPLICATION

## LIST OF REFERENCES CITED BY APPLICANT

APPLICANT  
Atsushi AYABE, et al.FILING DATE  
HEREWITH

GROUP

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AO	6-331023	11/29/94	Japan (with English Abstract)		X
	AP	11-190424	07/13/99	Japan (with English Abstract)		X
	AQ	2001-4020	01/09/01	Japan (with English Abstract)		X
	AR	2758921	03/13/98	Japan (with English Abstract)		X
	AS					
	AT					
	AU					
	AV					

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AW	
	AX	
	AY	
	AZ	<input type="checkbox"/> Additional References sheet(s) attached

Examiner

Date Considered

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.